

Government are considering to set up coal based power projects and that some of the States are creating many obstacles in this plan;

- (c) if so, the details thereof;
- (d) by when the target of "Power of AH" would be achieved; and
- (e) the progress made so far to implement ultra mega projects?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) to (e) 88 projects having a total capacity of 43700 MW at a cost of about Rs: 2,05,000 Crore are under execution. Central Electricity Authority has identified 36 sites totaling to 75,000 MW for thermal projects which are envisaged to be brought at execution stage subsequently.

National Electricity Policy envisages that for thermal power, economics of generation should be the basis for choice of fuel from among the options available. Thus, availability of gas at reasonable prices is a critical issue for determining the extent of capacity addition through gas based power projects. Due to availability of coal at reasonable prices coal is presently the main stay in the energy mix.

In addition to seven sites already identified, Tamil Nadu and Jharkhand have requested for locating Ultra Mega Power Projects in their States also. Depending in the status of clearances and trying up of various inputs, the projects are at different stages.

So far, tariff bids have been invited in respect of three projects, namely Sasan in Madhya Pradesh, Mundra in Gujarat and Krishnapatnam in Andhra Pradesh.

Status of power projects

† 492. SHRI JAI PARKASH AGGARWAL:
DR. PRABHA THAKUR:

Will the Minister of POWER be pleased to state:

- (a) the number of power projects cleared in various States in private and public sector during the past and the current Five Year Plan periods;
- (b) the number of such projects pending and those being implemented; and

† Original notice of the question was received in Hindi.

(c) the names of the said projects and the estimated cost thereof?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) to (c) During 9th Plan, 40 projects aggregating 18281.05 MW in private sector and 39 projects aggregating 18248.32 MW in public sector in various States were granted techno economic clearance by the Central Electricity Authority in hydro and thermal segments. A capacity of 19015 MW was added during 9th Plan.

After enactment of Electricity Act, 2003, the requirement of according techno economic Clearance by Central Electricity Authority has been dispensed with for thermal generation projects.

During 10th Plan, 3 hydro projects aggregating to 2392 MW were given concurrence by the Central Electricity Authority in Private Sector and 42 projects aggregating to 17875 MW were given concurrence by the Central Electricity Authority in public sector. A capacity of 17743 MW has so far been added during 10th Plan.

At present, a capacity of over 43700 MW is under implementation, details of such projects along with estimated cost is given in the enclosed Statement.

Statement

A. 10th Plan projects under construction likely to be commissioned during Nov. 06 to March, 2007

Name of the project	Benefits (MW)	Cost (Rs. in Crore)
1	2	3
Hydro		
Tehri St. I (Uttaranchal)	500.00	8000.00
Dulhasti (J&K)	390.00	4924.56
Larji(H.R)	42.00	1221.42
Maneri Bhali-I! (Uttaranchal)	304.00	1714.41
GhatgharPSS(Mah)	250.00	1184.60
Jurala Priyadarshni (A. P.)	39.00	547.00
Purutia PSSIV (West Bengal)	225.00	2952.60
Balimela ST. 11 (Orissa)	150.00	212.40
Karbi Langpi (Assam)	100.00	557.42
Sub Total	2000.00	21314.41

1	2	3
Thermal		
Giral Lignite (Rajasthan)	125.00	618.00
KLTPS Ext. (Gujarat)	75.00	304.69
Paricha Extn. (U.R.)	210.00	1703.00
GHTPPII (Punjab)	500.00	1789.67
Sipat II (Chhattisgarh)	1000.00	4039.64
Vindhyanai (M.P.)	500.00	4201.50
Korba East Ext. (Chhattisgarh)	500.00	1845.36
Parli TPP Ext. (Mah.)	250.00	1053.90
Paras Ext. (Mah.)	250.00	1121.97
Raigarh TPP I (Chhattisgarh)	250.00	2411.80
Birsingpur Ext. (M.P.)	500.00	2093.75
Rayalseema II (AP.)	420.00	1640.00
Bellary (Karnataka)	500.00	2100.00
Mezia U 5 & 6 (W.B.)	500.00	1998.76
Kahalgao II (Bihar)	1500.00	5868.38
Sagardighi 1&2 (W.B.)	600.00	1879.00
SantaldihTPP(W.B.)	250.00	1300.00
Bakreshwar (W.B.)	210.00	1312.72
Durgapur (W.B.)	300.00	1029.00
Dholpur CCGT (Raj.)	220.00	1175.00
Sugen Akhakhhol (Gujarat)	365.00	3780.00
Dhuvaran CCGT (Gujarat)	40.00	356.00
Dabhol CCGT II (Mah.)	704.00	
(NowJVwithNTPC)		
Konaseema CCGT (A. P.)	445.00	1383.00
Gautami CCGT (A.P.)	464.00	1450.00
Sub-total	10678.00	
Nuclear		
Kaiga U-3(Kar)	220.00	-
Sub-total	220.00	
Total under construction	12898.00	
10th Plan		
11th Plan Projects		
Hydro Projects		
Parbati-II(H.P)	800	4219.94

1	2	3
Chamera-III(H.P)	231	1405.63
Parbati-III(H.P)	520	2304.56
Sewa-Il(J&K)	120	770.70
Uri-II(J&K)	240	1724.79
Nimoo Bazgo (J&K)	45	611.01
Chutak (J&K)	44	621.26
Omkareshwar (M.P.)	520	2224.73
Teesta Low Dam-Iil (W.B.)	132	845.46
Teesta Low Dam-IV(W.B.)	160	1061.38
Subansiri Lower (Ar. Pradesh)	2000	5793.45
Koteshwar (Uttaranchal)	400	1301.56
Kameng (Ar. Pradesh)	600	2496.90
Kol Dam (H.P.)	800	4527.15
Lohari Nagpala (Uttaranchal)	600	2400.00
Teesta V(Sikkim)	510	2430.50
UHL-IM(H.P)	100	431.56
Baglihar-I(J&K)	450	4300.00
Jurala Priyadarshni* (A.P)	195	547.00
Nagarjuna Sagar TR (A.P)	50	464.70
Varahi Extn. (Karri.)	230	307.00
Athirapalli (Kerala)	163	385.63
Kuttiyadi Ext. (Kerala)	100	168.28
Bhawani Barrage II & III(T.N)	60	165.21
		166.92
Portia PSS* (W.B)	675	2952.60
Myntdu St-I (Meghalaya)	84	358.00
Budh'I (HP)	70	418.80
Allain Duhangan (H.P)	192	922.35
Malana li(H.P)	100	596.90
Karcham Wangtoo (H.P)	1000	5909.59
Srinagar (Uttaranchal)	330	1699.12
Maheshwar (M.P.)	400	1673.00
Chujachen (Sikkim)	99	448.76
Sub Total Hydro 11th Plan (UC)	12020	14979.12
Thermal Projects		
Dadri" Ext.'(U-5)(U.P.)	490	5135.33

1	2	3
Sipat 1 (Chhattisgarh)	1980	8323.39
Bhilai JV(Chhattisgarh)	500	2536.00
Korba III(Chhattisgarh)	500	2448.49
Barh-I (Bihar)	1980	9092.93
Farakka Stage-III(W.B.)	500	2570.44
Chandrapur (Jharkhand)	500	2066.45
Barsingsar LIG(Raj.)	250	1368.00
Neyveli-II LIG (T.N.)	500 ,	2030.78
Yamuna Nagar (Haryana)	600 *	2338.00
Giral* U-2(Raj.)	125	618.00 .
ChabraTPS(Raj.)	500	17500.00
Kota U7 (Raj.)	195	680.00
Suratgarh Ext. (Raj.)	250	750.00
Dholpur (Raj.)	110	1175.00
Parichha Ext. (U.R)	500	1224 (BTG Package)
Harduaganj(U.P)	500	1224 (BTQ Package)
Surat Lignite Ext. (Guj.)	250	1015.00
Amarkantak (M.P.)	210	988.00
Parli Ext. U-2 (Mah.)	250	1053.90
Paras Ext-. U-2 (Mah.)	250	1121.97
Bhopalapally (Kaktiya) (P)	500	2100.00
Vijayawada TPP (A.P.)	500	2100.00
Bellary TPS U-2(Karn)	500	2096.00
Raichur U-8 (Karnv.)	250	925.00
Valuthur Extn. (T.N.)	92	355.30
Bakreshwar U-5(W.B.)	210	1312.715
Lakwa WH (Assam)	37.2	161.10
Dimapur DG (Nagaland)	23	105.57
Raigarh PH II (Chhattisgarh)	750"	4500.00
Pathadi (Lanco) U-1 (Chhattisgarh)	300	1033.12
Pathadi (Lanco) U-2(-do-)	300	1033.12
Sugen Torrent (Gujarat)	752	3780.00
TrombayTPS(Mah.)	250	NA

1	2	3
Budge-Budge Ext. (W.B.)	250	1000.00
Sub-total		
thermal (UC)	15654	
Nuclear Projects		
RAPPU5&6(Raj.)	440	
Kudankulam U-1,2 (T.N.)	2000	
PFBR (Kalapakkam) (T.N.)	500	
Kaiga U-4(Karn.)	220	
Sub Total Nuclear	3160	
Total 11th Plan under Construction	30834	
Total under Construction	43732	

Addition to Hydro Power Generation Capacity

† 493. MS. PRAMILA BOHIDAR:

SHRI B.J. PANDA:

Will the Minister of POWER be pleased to state:

- (a) whether Government propose to add around 15000 mw of hydro power during the 11th Five Year Plan period;
- (b) if so, the details thereof; and
- (c) Government's action plan to develop hydro-power during the above plan in Orissa?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) Yes, Sir. The Government tentatively proposes to add about 17,000 MW of Hydro Power capacity during 11th Five Year Plan period.

(b) To achieve the hydro capacity of about 17,000 MW during 11th Plan, 61 hydro projects (with aggregating capacity of 18,330 MW) have been identified. Out of which 33 projects (with aggregating capacity of 12,020 MW) are already under various stages of construction. The details of these projects are given in the enclosed Statement (See below).

(c) Presently, there is no hydro project identified in the State of Orissa likely to give benefits during 11th Plan.

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